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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 10709022 | |
| | Filing Date | | 2004-04-07 | |
| | First Named Inventor | Yuan-Kun Hsiao | | |
| | Art Unit | 2611 | | |
| | Examiner Name | SINGH, HIRDEPAL | | |
| | Attorney Docket Number | VOSP0004USA | | |

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| /H.S./ | 2 | 6754147 | B2 | 2004-06-22 | Hsu | | |
| /H.S./ | 3 | 6765861 | B2 | 2004-07-20 | Van Vlerken | | |
| /H.S./ | 4 | 7016277 | B2 | 2006-03-21 | Chou | | |
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| | Art Unit | 2609 | |
| | Examiner Name | SINGH, HIRDEPAL | |
| Attorney Docket Number | | VOSP0004USA | |

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| /H.S./ | 1 | 6956800 | B2 | 2005-10-18 | Tanaka, Junji | | | |
| /H.S./ | 2 | 4999824 | | 1991-03-12 | Fuji et al. | | | |
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| Application Number | 10/709 022 |
| Filing Date | 04/07/2004 |
| First Named Inventor | Yuan-Kun Hsiao |
| Art Unit | 2611 |
| Examiner Name | PATEL, JAYANTI K |
| Attorney Docket Number | VOSP0004USA |

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| Examiner Signature | /Hirdepal Singh/ | Date Considered | 08/29/2007 |
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| Application Number | 10/709,022 |
| Filing Date | 04/07/2004 |
| First Named Inventor | Yuan-Kun Heiao |
| Art Unit | 2611 |
| Examiner Name | PATEL JAYANTI K |
| Attorney Docket Number | VOSP0004USA |

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| Application Number | 10/709,022 |
| Filing Date | 04/07/2004 |
| First Named Inventor | Yuan-Kun Hsiao |
| Art Unit | 2811 |
| Examiner Name | PATEL JAYANTI K |
| Attorney Docket Number | VOSP0004USA |

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| Application Number | 10/709,022 |
| Filing Date | 04/07/2004 |
| First Named Inventor | Yuan-Kun Hsiao |
| Art Unit | 2637 |
| Examiner Name | PATEL, JAYANTI K |
| Attorney Docket Number | VOSP0004USA |

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| Attorney Docket Number | VOSP004USA |

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